

Converting Colors

YUV(41.4330, 54.0165, 34.7003)

Have a look what the booklet for
YUV(41.4330, 54.0165, 34.7003)
contains.

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Color

**YUV(41.4330, 54.0165,
34.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	510097
RGB	81, 0, 151
RGB Percent	32%, 0%, 59%
CMY	0.6824, 1.0000, 0.4078
CMYK	0.46, 1.00, 0.00, 0.41
HSL	272°, 100%, 30%
HSV	272°, 100%, 59%
XYZ	8.9793, 3.9837, 29.5738
YIQ	41.4330, -0.1950, 64.1330

Conversions

Conversions Part 2

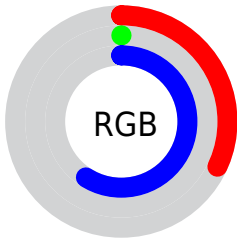
Format	Color
R_{YB}	81, 0, 151
Decimal	5308567
CIE _{Lab}	23.62, 56.96, -61.22
CIE _{LCh}	24, 83.615, 312.935
Yxy	3.9837, 0.2111, 0.0937
Android (android.graphics.Color)	4283498647 (0xFF510097)
YUV	41.4330, 54.0165, 34.7003
Hunter-Lab	19.9592, 45.3751, -73.8794

Details

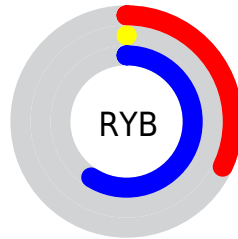
The YUV color **41.4330, 54.0165, 34.7003** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **109.5670, -54.0165, -34.7003**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3140, 51.1172, 31.2966**, and **16.3690, 40.7371, 0.5534** is the 20% darker color. If you saturate the color by 10%, you get **41.4330, 54.0165, 34.7003**, and if you desaturate by 10%, it is **52.3310, 48.6438, 31.2817**.

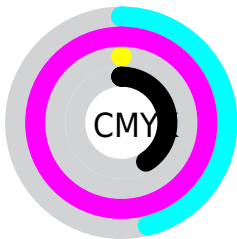
Distribution



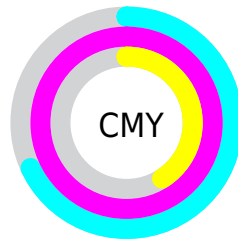
- Red (32%)
- Green (0%)
- Blue (59%)



- Red (32%)
- Yellow (0%)
- Blue (59%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (68%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4330, 54.0165, 34.7003 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 41.4330, 54.0165, 34.7003 by changing the saturation by 10% instead.

41.4330, 54.0165,
34.7003

41.4330, 54.0165,
34.7003

255.0000, 0.0000,
0.0000

29.3850, 46.6452,
18.9564

102.3140, 51.1172,
31.2966

16.3690, 40.7371,
0.5534

130.1400, 51.6960,
32.3262

8.4360, 32.3231,
-7.3984

156.3530, 48.6330,
34.7704

8.0480, 20.6823,
-7.0581

180.8730, 36.5446,
38.6994

4.3660, 11.6516,
-3.8290

206.2790, 24.0195,
42.7283

0.0000, 0.0000,
0.0000

222.7150, 15.9165,

28.3139

■ 239.7380, 7.5242,
13.3848

■ 41.4330, 54.0165,
34.7003

■ 52.3310, 48.6438,
31.2817

■ 63.2290, 43.2711,
27.8632

■ 74.1270, 37.8984,
24.4446

■ 85.0250, 32.5257,
21.0261

■ 96.5100, 26.8636,
17.0927

■ 107.4080, 21.4909,
13.6742

■ 118.3060, 16.1181,
10.2556

■ 129.2040, 10.7454,
6.8371

■ 140.1020, 5.3727,
3.4185

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6090, 63.2968, -48.7691



41.4330, 54.0165, 34.7003



53.5870, 20.4166, 78.4152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4330, 54.0165, 34.7003



52.1950, -25.7321, 40.1710



54.6610, 13.9711, -47.9377

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.4330, 54.0165, 34.7003



109.5670, -54.0165, -34.7003

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.6210, -15.5892, -40.0096



41.4330, 54.0165, 34.7003



49.5500, -24.4281, -4.8673

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.4330, 54.0165, 34.7003



40.6640, -20.0474, 83.6097



41.6770, -20.5468, -36.5507



62.0880, 39.8896, -54.4512

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.4330, 54.0165, 34.7003



52.5010, 0.7390, 89.8916



41.6770, -20.5468, -36.5507



51.5660, 4.6510, -45.2234

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.4330, 54.0165, 34.7003



153.2940, 21.0541, 13.7742



58.3040, 45.6991, -51.1326



73.6710, 12.4872, 8.1815



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.4330, 54.0165, 34.7003



53.7390, 70.1347, 44.9559



61.7930, 41.5141, 78.2345



71.1080, 2.9048, 1.6593



38.3850, 50.0962, 32.1114



3.5750, 4.6465, 3.0037

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.1290, 8.3174, 85.8329



68.9780, 10.8568, 111.3983



89.2070, -41.5141, -78.2345



71.7340, 0.1311, 4.6183



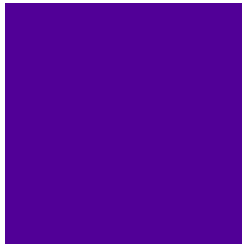
49.2700, 7.7549, 79.5702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 41.4330, 54.0165, 34.7003 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 41.4330, 54.0165, 34.7003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

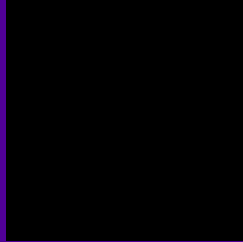
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.4330, 54.0165, 34.7003

Background



This preview shows how black text looks on a background with the YUV color 41.4330, 54.0165, 34.7003.



This preview shows how white text looks on a background with the YUV color 41.4330, 54.0165,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Deuteranopia

47.5490, 27.3373, -41.7005

Tritanopia

59.5700, 2.1840, -0.4999

Trichromacy



Deuteranomaly

45.2440, 36.8547, -14.2460

Tritanomaly

53.2830, 21.0595, 12.0298

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2400, 19.6017, 12.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4330, 54.0165, 34.7003 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(81, 0, 151)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(81, 0, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 151) }
```

Border

The CSS property to change the border of an element to YUV 41.4330, 54.0165, 34.7003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 0, 151) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(81, 0, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(81, 0, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 0, 151);  
box-shadow:4px 4px 4px 4px rgb(81, 0, 151)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.4330, 54.0165, 34.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(81, 0,  
151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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